20620 PATENT

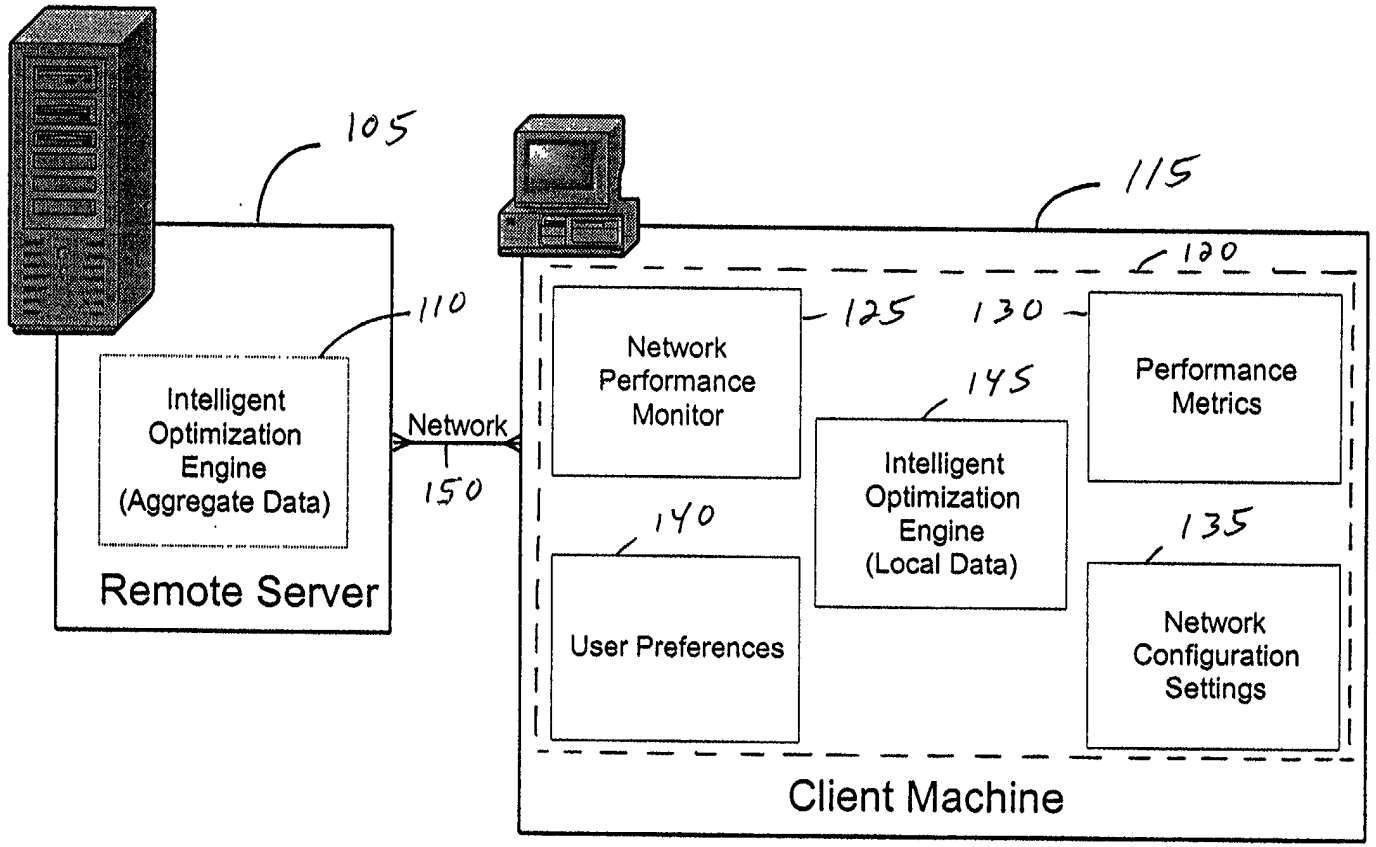


FIG. 1

Title: Determining Network Configuration . . . Performance
Inventors: Adam R. Schran et al.
Attorney Docket No. 10397-3U1 Cust. No. 570
Express Mail Label No. EL665880804US

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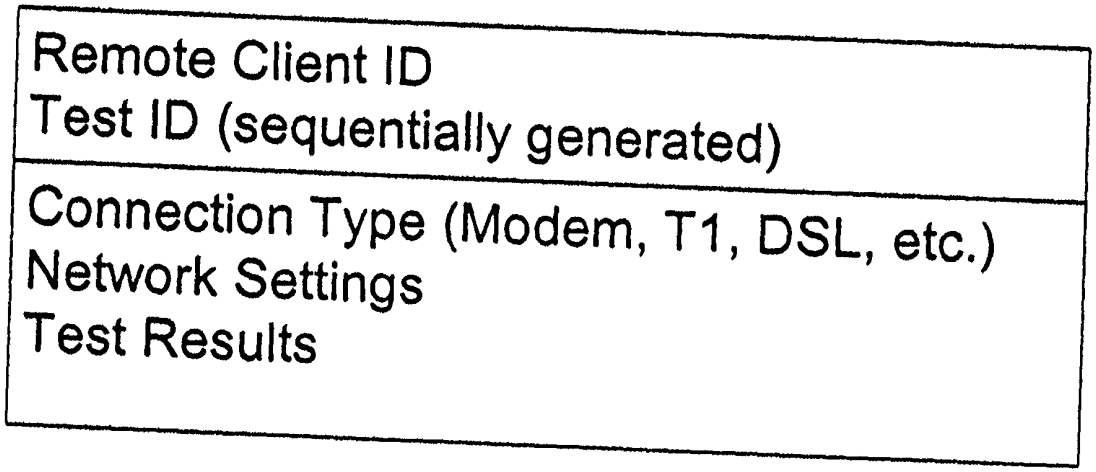


FIG. 2

Title: Determining Network Configuration . . . Performance
Inventors: Adam R. Schran et al.
Attorney Docket No. 10397-3U1 Cust. No. 570
Express Mail Label No. EL665880804US

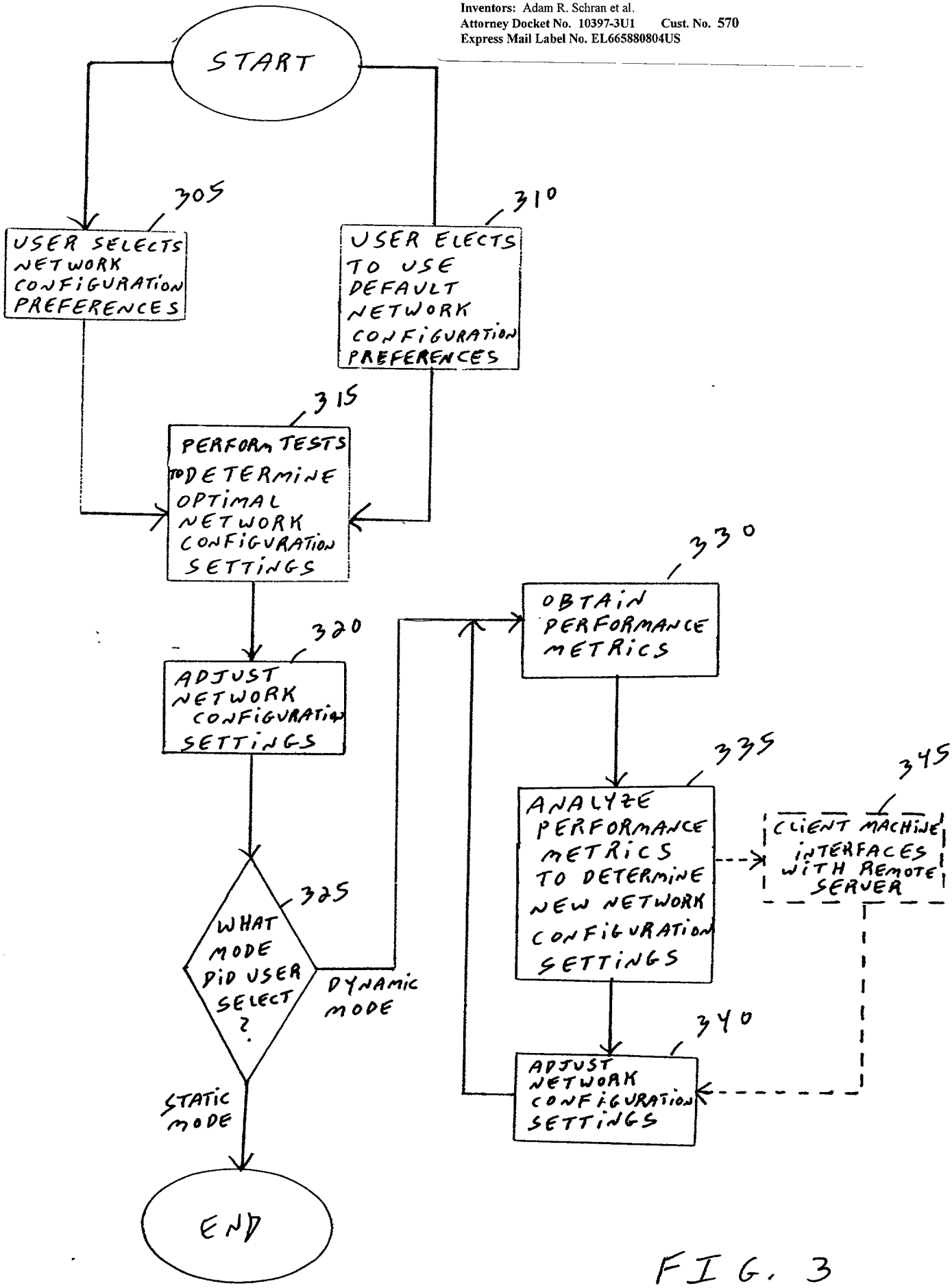
START
305
USER SELECTS NETWORK CONFIGURATION PREFERENCES
310
USER ELECTS TO USE DEFAULT NETWORK CONFIGURATION PREFERENCES
315
PERFORM TESTS TO DETERMINE OPTIMAL NETWORK CONFIGURATION SETTINGS
320
ADJUST NETWORK CONFIGURATION SETTINGS
325
WHAT MODE DID USER SELECT ?
DYNAMIC MODE
STATIC MODE
330
OBTAIN PERFORMANCE METRICS
335
ANALYZE PERFORMANCE METRICS TO DETERMINE NEW NETWORK CONFIGURATION SETTINGS
345
CLIENT MACHINE INTERFACES WITH REMOTE SERVER
340
ADJUST NETWORK CONFIGURATION SETTINGS
END

FIG. 3

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| Group of Network Configuration Settings | Ping Time | Ping Time Percentage Score | Throughput | Throughput Percentage Score | Weighted Overall Percentage Score |
|---|---|---|---|---|---|
| G1 | 10 ms | 100% | 2000 kb/sec | 44% | 72% |
| G2 | 20 ms | 50% | 1500 kb/sec | 33% | 41.5% |
| G3 | 30 ms | 33% | 3000 kb/sec | 66% | 49.5% |
| G4 | 40 ms | 25% | 500 kb/sec | 11% | 18% |
| G5 | 50 ms | 20% | 4500 kb/sec | 100% | 60% |

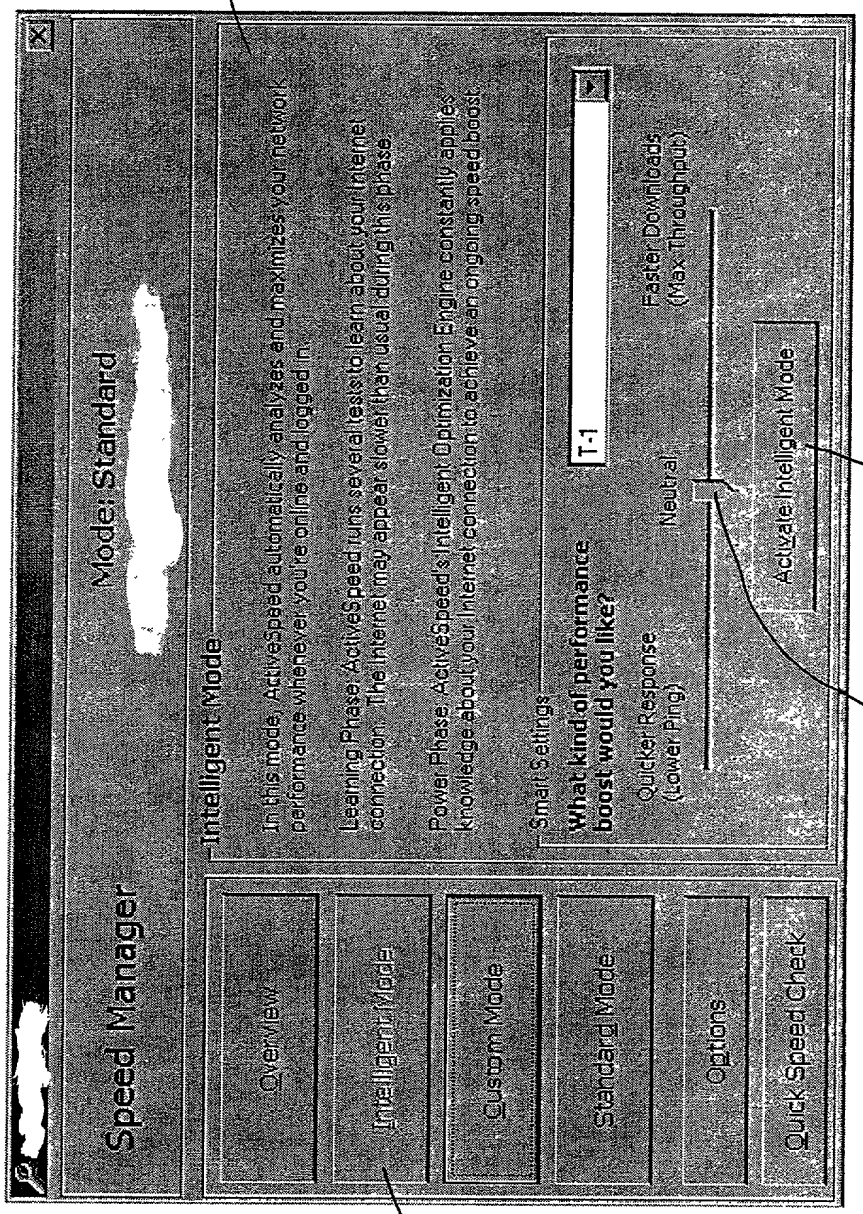
FIG. 4

Title: Determining Network Configuration . . . Performance
Inventors: Adam R. Schran et al.
Attorney Docket No. 10397-3U1 Cust. No. 570
Express Mail Label No. EL665880804US

| Maximum Transmission Unit (MTU) | Scoring Result |
|---|---|
| 512 | 32% |
| 1024 | 57% |
| 2048 | 90% |
| 3072 | 27% |

FIG. 5

Title: Determining Network Configuration . . . Performance
Inventors: Adam R. Schran et al.
Attorney Docket No. 10397-3U1 Cust. No. 570
Express Mail Label No. EL665880804US

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615

620

605

600

FIG. 6